

KONEV, S.V.; KATIBNIKOV, M.A.

Prolonged afterglow of proteins and amino acids at room temperature.
Report No. I. Kinetics of the afterglow of proteins and amino acids.
Biofizika 6 no.6:638-644 '61. (MIR 15:1)

1. Laboratoriya biofiziki i izotopov AN BSSR, Minsk.
(PROTEINS) (AMINO ACIDS chem) (PHOSPHORESCENCE)

KONEV, S.V.; KATIBNIKOV, M.A.

Polarization of ultraviolet fluorescence of the keratin of wool.
Dokl. AN SSSR 136 no.2:472-475 '61. (MIRA 14:1)

1. Predstavлено академиком А.Н. Терениным.
(Fluorescence) (Polarization (Light))
(Wool)

KATENIKOV, M.A., KONEV, S.V., TROITSKIY, N.A., (USSR)

"The Chemiluminescence of Yeast Cells in the Visible
and Ultra-Violet Spectral Regions."

Report presented at the 5th Int'l. Biochemistry Congress,
Moscow, 10-16 Aug 1961.

KATIBNIKOV, M. A., KONEV, S.V.

"Prolonged Excited States in a Protein Macromolecule."

report presented at the Intl. Biophysics Congress, Stockholm, Sweden, 31 July -
4 August 1961.

Laboratory of Biophysics and Isotope A.S.B. SSR, Minsk, USSR.

KATIBNIKOV, M.A.; KONEV, S.V.

Prolonged afterglow of proteins and amino acids at room temperature. Report no.2: Spectra of the afterglow and spectra of the agitation of the afterglow of proteins. Biofizika 7 no.2:150-153'62. (MIRA 16:8)

1. Laboratoriya biofiziki i izotopov Belorusskoy Akademii nauk, Minsk.
(PROTEINS—SPECTRA) (TRYPTOPHAN)
(FLUORESCENCE)

SEVCHENKO, A.N., akademik; KONEV, S.V.; KATIBNIKOV, M.A.

Oscillatory nature of the long-wave absorption band of
tryptophan. Dokl. AN SSSR 153 no.4:875-877 D '63.

(MIRA 17:1)

1. Belorusskiy gosudarstvennyy universitet im. V.I. Lenina.
2. AN BSSR (for Sevchenko).

KONEV, S.V. [Koneu, S.V.]; TROITSKIY, N.A. [Troitski, N.A.];
KATIBNIKOV, M.A. [Katsibnikau, M.A.]

Chemiluminescence of proteins and biological systems in the
visible and ultraviolet sections of the spectrum. Vestsi
AN BSSR. Ser. bial. nav. no.1:76-79 '64. (MIRA 17:6)

KONEV, S.V.; KATIBNIKOV, M.A.; IYASKOVA, T.I.

Possibility of the intertryptophan migration of energy in
protein systems. Biofizika 9 no. 1:124-127 '64. (MIRA 17:7)

1. Laboratoriya biofiziki i izotopov AN BSSR, Minsk.

KONEV, S.V.; KATIBNIKOV, M.A.

Characteristics of bioluminescence of plant tissues. Trudy
MOIF. Otd. biol. 21:69-74 '65. (MIRA 18:6)

SHASHKOV, A.G.; FRAYMAN, Yu.Ye.; VERZHINSKAYA, A.B.; KATIBNIKOVA, E.V.

Methods for determining the thermophysical characteristics of
materials at room and medium temperatures. Inzh.-fiz. zhur.
4 no.9:111-119 S '61. (MIRA 14:8)

1. Institut energetiki AN BSSR, g. Minsk.
(Materials--Thermal properties)
(Thermoelectricity)

FRAYMAN, Yu.Ye.; KATIBNIKOVA, E.V.

Problem of obtaining linear heating. Trudy Inst. energ. AN BSSR
no.11:27-30 '60. (MIRA 14:9)
(Heating)

KATIC, Dorde

Professional education in France. Produktivnost 3 no.3:232-242 Mr '61,

1. Sekretarijat za industriju Saveznog izvrsnog veca, Beograd.

KATIC, Dorde

Reform of higher education. Tehnika Jug 19 no.6:1003-1004
Je '64.

YUGOSLAVIA

KATIC, I. [affiliation not given].

"The Frequency of Infections in Various Parts of the Cow Udder."

Belgrade, Veterinarski Glasnik, Vol 17, No 7, 1963, pp 595-598.

Abstract: [Author's German summary modified] Of a total of 701 cows treated for mastitis with a total of 940 udder sections with a clinical form of inflammation, the author found 40.4 percent of the parts to be forward and 59.6 percent rear. The highest percentage of incidence was in the right rear part (30.8 percent), the lowest in the left forward part (18.4 percent); in between were the left rear part (28.8 percent) and the right forward part (22 percent). The author discusses possible causes. The mastitis index in this group was 1.34.

Thirteen references, mainly Western.

1/1

- 8 -

KATIC, Kamenko (Split)

Organization of the construction of the Derbendi Khan
stone-built dam, Iraq. Gradevinar 15 no.10:368-380 0'63.

KATIC, M.

"The use of our railroads and some foreign railroads in 1951." p. 330. (Zeleznice. Vol. 9, no. 10, Oct. 1953. Beograd.)

SO: Monthly List of East European Accessions. Vol. 3, no. 3. Library of Congress. March 1954.
Uncl.

KATIC, M.

KATIC, M. Mechanizing the processing of data and operation on Yugoslav railroads. p. 17.

Vol. 12, No. 11, Nov. 1956.

ZELEZNICE
TECHNOLOGY
Beograd, Yugoslavia

So: East European Accession, Vol. 6, No. 2, February 1957

KATIC, M.

"Mechanical analysis of data related to the transportation capacity of Yugoslav railroads."

p. 35 (Zeleznice) Vol. 13, no. 11, Nov. 1957
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

KATIC, M.

TECHNOLOGY

KATIC, M. Punched-card systems in the service of Yugoslav railroads. p. 41
Vol. 15, no. 1, Jan. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721120002-6

KATIC, Milivoje; DRASKOVIC, Dorde

Tasks and organization of mechanical accounting on Yugoslav
Railroads. Zeleznice Jug 19 no.5:24-37 My'63.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721120002-6"

L 00287-66 EWO(v)

ACCESSION NR: AP5023859

HU/0033/64/000/006/0343/0348

AUTHOR: Milosavljevic, M.^{44,55} (Doctor, Professor) (Belgrade); Katic, P.^{44,55} (Graduate meteorologist, Staff scientist) (Novi Sad)

TITLE: Intensity of global sunshine on maize plantations of various densities

SOURCE: Idojaras, no. 6, 1964, 343-348

TOPIC TAGS: agriculture crop, agronomy, solar radiation intensity, agriculture

ABSTRACT: The values of global solar irradiation^{3,44,55} were measured during two growing season over plantations of maize in Rimski Sancevi (near Novi Sad, Yugoslavia) of different densities. Optimum planting density was, according to the findings, a 100 cm. distance between rows and a 40 cm. distance between plants with two stems per nest; the least favorable density was a 50 cm. distance between rows and a 30 cm. distance between plants with one stem per nest. The selenium-photocell based radiation sensors were located 25 and 100 cm. above the ground level.

Orig. Art. Incl: 3 figures, 1 graph, and 2 tables.

Card 1/2

L 00287-66

ACCESSION NR: AP5023859

ASSOCIATION: Milosavljevic--Agraruniversitat, Belgrade (Agricultural University);
Katic--Forschungsinstitut fur Landwirtschaft, Novi Sad (Research Institute for
Agriculture)

SUBMITTED: 00

ENCL: 00

SUB CODE: LS, AA

NR REF Sov: 000

OTHER: 003

JPRS

LLC

Card 2/2

DREZGIC, Petar, prof., dr.; KATIC, Pavle; DUUNDEROV, Nada

Effect of meteorological conditions on the growth and yield
of wheat in the northern regions of the Serbian Socialist
Republic in the years 1963/64. Idojaras 68 no.5:270-280
S-O '64.

1. Scientific Research Institute of Agriculture, Novi Sad.
2. Director, Scientific Research Institute of Agriculture,
Novi Sad (for Drezgic).

MILOSAVLJEVIC, Marko, dr., professor; KATIC, Pavle, Dipl.Met., wissenschaftlicher Mitarbeiter

Intensity of global sunshine on maize fields varying in the density of the rows. Idojaras 68 no.6:343-348 N-D '64.

1. Agraruniversitat, Belgrade (for Milosavljevic).
2. Forschungsinstitut fur Landwirtschaft, Novi Sad (for Katic).

DUNDEROV, Nada; KATIC, Pavle

Periods without precipitations in Vojvodina. Zbor prir Mat
srp 24:153-162 '63.

1. Poljoprivredni fakultet, Novi Sad.

YUGOSLAVIA

I. PUSTA, M. MROGOVIC and L. KATIG (Affiliation not stated)

"Bacterial Contamination of Animal Bone Meal in Manufacture 'Cresef,'"

"Veterinarski Glasnik," Vol 16, No 12, 1962; pp 1247-1249.

Abstract: Studies of specimens of freshly-made bone meal from 16 batches in one plant revealed perfect sterility when prepared, but an increasing number of presumably air-borne potential pathogens (303 strains of 22 species) upon storage for 12 hours to 10 days. Air in corridors and storage areas was also found contaminated. Remedial measures are outlined.

L 1/1

36

[YUGOSLAVIA]

R. KATIC [Affiliation not given.]

"Role of Infected Meadows in Bovine Enterotoxemia."

Belgrade, Veterinarski Glasnik, Vol 17, No 4, 1963; pp 335-338.

Abstract : Review of literature and some clinical and histopathological observation of ovine and bovine enterotoxemia caused by the perfringens-agni group of anaerobic bacilli. Two Yugoslav and 11 Western references.

1/1

KATIC Relja

Critical considerations on modern methods of tetanus prevention.
Srpski arh. celok. lek. 92 no.48421-428 Ap '61

I. Institut za Vojnu Veterinarskog fakulteta Univerziteta
u Beogradu. (Upravnik prof. dr. Ivan Šuhac).

KATIC, R., prof., dr.

On negative phases in the application of active immunization
against tetanus and their role in the immunological effect.
Vojnosanit. pregl. 19 no.1:33-35 Ja '62.

1. Veterinarski fakultet u Beogradu,
(TETANUS immunol) (VACCINATION)

S

A. V.
KATIC, ~~V. R.~~

"The action of streptomycin on Erysipelothrix rhusiopathiae."

Vet. Glasnik 5, 465-480, 1951

KATIC, R. V.

ar

"Inst. for Microbiology, Vet. Fac., Beograd and Vet. Inst. in Pristini / co-au. DIMITRIJEVIC,
V. Vet. Glas. 7 : 449-462, Aug. 1953

Vet. Glasnik 8 : 17-24, Jan. 1954

KATIC, R. V.

"Inst. for Microbiology, Vet. Fac., U. Beograd."

Vet: Glasnik 7 : 603-606, Oct. 1953

KATIČH, R.V.

Inst. of Microbiology, U. of Beograd

Cong. Internaz di Mierobiol Reassunti delle Comun 6(3)*93 1953

KATIC, R.V.

KATIC, R.V.: DZINLESKI, B.G.

Critical survey of methods used for determination of types
belonging to the welchia group. Higijena, Beogr. 6 no.3-4:
296-303 '54.

1. Institut za veterinarsku higijenu, Veterinarskog fakul-
teta u Beogradu.
(CLOSTRIDIUM PERFRINGENS,
typing)

PUHAC, I: KATIC, R.: HRGOVIC, N.

Light factor in production in diphtheria antitoxin. Higijena
Beogr. 6 no.3-4:310-315 '54.

1. Institut za Veterinarsku higijenu, Veterinarskog fakulteta
u Beogradu.

(DIPHTHERIA,
antitoxin, light factor in prod.)
(LIGHT, effects,
on diphtheria antitoxin prod.)

KATIC, Relja V., doc.dr.

Treatment of Karadjordje's Duke Cincar-Janko Popovic in Zemun in
1806. Arpski arh.celok.lek. 77 no.12:1519-1521 Dec. 54.
(HISTORY, MEDICAL,
yugosl.)

KATIC, Relja V., doc.dr.

Plague in Serbia during 1813-14. Srpski srh.celok.lek. 77 no.12:

1522-1524 Dec. 54.

(PLAQUE, epidemiology,
in Yugosl.,hist.)

KATIC, Relja B., doc. dr.

Contribution to the intestinal tetanus infection. Srpski arh.
celok. lek. 82 no.6:729-734 June 54.

1. Otsek za proizvodnju seruma Fabrike lekova "Prolek" u Beogradu,
sef dr. Relja V. Katic.

(TETANUS, exper.

eff. of E. coli infect. in mice)

(ESCHERICHIA COLI, infect.

exper., eff. on incidence of intestinal tetanus in mice)

(INTESTINES, dis.

tetanus, exper., eff. of E. coli infect. in mice)

KATIC, Relja V.

Pathogenesis of tetanus in the light of modern research.
Srpski arh. celok. lek. 83 no.11:1326-1329 Nov 55.

(TETANUS, etiol. & pathogen.
(Ser))

KATIC, Relja, V.; DIMITRIJEVIC, Vojislav

Organism's defense mechanism in tetanus poisoning in passively
and actively immunized persons. Srpski arh. celok. lek. 83 no.
12:1451-1456 Dec 55.

1. Veterinarski naucno-istrazivacki institut u Pristini.

Upravnik: dr. Vojislav Dimitrijevic.

(TETANUS, immunol.

defense mechanism in passive & active immun. (Ser))

F-6

YUGOSLAVIA / Microbiology. Anaerobic Bacilli.

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72228.

Author : Katic, V. R.; Dzinleski, G. B.

Inst : Not given.

Title : Active Substances of B. subtilis (RR) Used During Treatment of Experimental Botulism Caused by Clostridium botulinum C-beta. Results of Laboratory Investigations.

Orig Pub: Veterinaria (Jugosl.), 1956, 5, No 4, 656-659.

Abstract: A filtrate of a broth culture of B. subtilis in a quantity of 0.25 ml. did not protect mice from the effect of 1 DLm of toxin Clostridium botulinum C-beta independently of the time (up to, or after, the introduction of the toxin) and rate of administration. In vitro, the filtrate exerted an antitoxic effect. -- From the authors' resume.

Card 1/1

F-1

YUGOSLAVIA/Microbiology - General Microbiology.

Abs Jour : Ref Zhur - Biol., No 10, 1958, 43198

Author : Mrsevic, S., Katic, R.

Inst : -
Title : Results of a Study in Intensity of Collagenase Formation
in Filtrates of *Welchia Perfringens*, Types A, C, D, and E.

Orig Pub : Acta pharmac. jugosl., 1956, 6, No 1, 17-26.

Abstract : In filtrates of cultures of all types of *W. perfringens*
cultivated on veal broth, collagenase was found. The
largest quantities of enzymes are formed in types C and A.
Intensity of collagenase formation, when cultivated at
37°, depends on the length of incubation. Best results
were obtained when the incubation period lasted 8-10
hours.

Inst Microbiol. Fac Med. Belgrad.

Card 1/1

KATICH

F-1

YUGOSLAVIA/Microbiology. General Microbiology.

Abs Jour: Ref. Zhur.-Biol., No 7, 1958, 28895.

Author : Gligorovich, Katich, Khrgovich.

Inst : Not given.

Title : Simultaneous Sonic Action (Frequency 800 Kc/Sec) and
Weak Solutions of "Chlorina" Disinfectant on Escherichia
Coli.

Orig Pub: Odnovremennoe deystvie ultrazvuka (chastota 800 kgts/sek)
i slabykh rastvorov dezinfektanta "khlorina" na Echerichia
coli.
Acta veterin., 1956, 6, No 3-4, 45-53.

Abstract: Ultra-sound (frequency 800 kc/sec, power 0.5 - 1 volt/cm³)
for a period of 15-20 minutes and a chlorine prepara-
tion "Chlorina" in concentration of 0.02 and 0.05%, act-
ing separately, exerted no disinfectant effect on a stand-
ing separately, exerted no disinfectant effect on a stand-

Card : 1/2

YUGOSLAVIA/Microbiology. General Microbiology.

F-1

Abs Jour: Ref Zhur-Biol., No 7, 1958, 28895.

ard suspension of *Escherichia coli*. However, when these factors were combined, the bacteria were completely destroyed. Evidently, the sonic effect increases the cell penetration by the disinfectant.

8

Card : 2/2

YUGOSLAVIA/Pharmacology and Toxicology. Muscle Relaxants

V-4

Abs Jour : Ref Zhur - Biol., No 15, 1958, No 71199

Author : Katic R.V.

Inst :

Title : The Explanation of the Mechanism of the Action of 1 percent
d-Tubocurarine Chloride in the Treatment of Tetanus

Orig Pub : Acta pharmac. jugosl., 1956, 6, No 3-4, 211-218

Abstract : The mechanism of the therapeutic action of d-tubocurarine (T) in the treatment of tetanus was studied from the following angle: does T block only the ends of the motor nerves averting by the same the further fixation of the toxin on them, or does it act as anatoxin or destroying toxin? In the simultaneous administration to mice of 1 DLM of tetanus toxin and of 0.009 mg. of T, 30 percent of mice did not contract tetanus, and in the affected animals the disease ended within 15-18 days. Preliminary administration of 0.009 mg. of T did not protect mice from an infection of 1 DLM of tetanus toxin, but did increase the duration of their lives.

Card : 1/2

KATIC, R. V.

YUGOSLAVIA / Microbiology. Microorganisms Pathogenic to Humans and Animals. F-5

Abs Jour : Ref Zhur - Biol., No 20, 1958, No. 90958

Author : Katic, R. V.; Mrsevic, S.; Dzinleski, B.

Inst : Not given

Title : The Passage of Microorganisms of the Genus Welchia through Several Experimental Animals and the Influence of These Passages on the Antigenic Structure of the Toxin

Orig Pub : Higijena, 1956, 8, No 4, 246-249 (Serbo-Croat; res. Eng.)

Absttact : Changes in the antigenic structure and potency of toxins of W. agni B (1), W. agni paludis C (2), W. agni Wilsdoni D (3), W. agni vitulitoxicus E (4), and W. agni hominotoxicus F (5) were studied by passage through laboratory animals and pigeons. After 12 passages through pigeons an increase in toxicity was noted (15 - 20%) for cultures

Card 1/2

YUGOSLAVIA / Microbiology. Microorganisms Pathogenic to Humans and Animals. F-5

Abs Jour : Ref Zhur - Biol., No 20, 1958, No. 90967

Author : Katic, R. V.

Inst : Not given

Title : A Study of the Stability of Toxin of Clostridium
botulinum C_B

Orig Pub : Higijona, 1956, 8, 273-276 (Sorbo-Croat; res. Eng.)

Abstract : The preservation of activity in the toxin of Cl. botulinum C_B was studied in liquid media: physiological solution (pH 7.0), VF broth (pH 7.4), 1% peptone solution (pH 7.4), in 35% glycerin, and in a mixture of 35% glycerin and 0.2% mucilage. The toxin solutions were kept at 2 degrees and were tested monthly for a year. It was established that the most rapid decrease in the activity of the toxin occurred in the physiological solution and in the VF

Card 1/2

Mycobact Inst. Vet. Faculty Belgrade

CC

KATIC, Relja V.; MRSEVIC, Slavka; DJILESKI, Borislav

Possible extraction of collagenase by splitting bacteria *Welchia perfringens*. Srpski arh. celok. lek. 84 no.11:1235-1238 Nov 56.

1. Bakterioloski institut Medicinskog fakulteta u Beogradu.
Upravnik: prof. Milutin Djurisic.

(PROTEASES,

collagenase by splitting *Clostridium perfringens* (Ser))

(CLOSTRIDIUM PERFRINGENS,

splitting in extraction of collagenase (Ser))

KATICH

YUGOSLAVIA / Microbiology. Microorganisms Pathogenic F-5
to Humans and Animals

Abs Jour: Ref Zhur - Biol., No 6, 1958, 24277

Author : Katich

Inst : Not given

Title : Bacteriological Diagnosis of Botulism.

Orig Pub: Veterinaria (Jugosl.), 1957, 6, No 1, 150-154

Abstract: No abstract.

Card 1/1

KATIC, R. [v.]

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721120002-6"

YUGOSLAVIA / Microbiology. Microbos Pathogenic to Man F-5
and Animals. Bacteria. Bacteria of the
Intestinal Group.

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72150.

Author : Katich, R.; Pukhach, I.; Jankovich, B.; Simonovich, B.; Khrgovich, N.; Bandur, B.

Inst : Not given.

Title : Influence of Photoclimatic Factors on the Formation of Immune Globulins in Rabbits Immunized with S. typhimurium.

Orig Pub : Acta veterin., 1957, 7, No 2, 65-68.

Abstract: Two groups of rabbits were immunized with increasing doses of S. typhimurium; the first group was kept in darkness, the second in daylight. By means of electrophoretic analysis, great individual fluctuation was found in the content of dif-

Card 1/2

KATIC, R.V.

Technic of bladder lavage described in a Serbian medical
manuscript of 15th or 16th century. Med. arh., Sarajevo 11
no.1:113-114 Jan-Feb 57.

(BLADDER,
lavage technic in 15th century (Ser))

YUGOSLAVIA / Microbiology. Microorganisms Pathogenic to Humans and F-5
Animals.

Abs Jour : Ref Zhur - Biol., No 20, 1958, No. 90968

Author : Katic, R.; Puhac, I.; Hrgovic, N.

Inst : Not given

Title : Determination of Preservation Potential of β -Toxin of Cl. botulinum C in an Infusion from Ensilage

Orig Pub : Veterin. arh., 1957, 27, No 5-6, 121-128 (Serbo-Croat;
res. Eng., Fr.)

Abstract : The effectiveness of the action (EA) of β -toxin of Cl. botulinum C, diluted in an infusion of silo grasses, corn, alfalfa, and leaves of the sugar beet (pH 4.46 - 7.4), diminished considerably during the first 6 - 24 hours in comparison with EA of the toxin diluted in physiological solution. After 30 - 36 hours the toxin had been completely destroyed. An abundant growth of Cl.

Card 1/2

KATIC, Relja, prof. d-r

Clarification of therapeutic and immunogenic values of sero-
antitoxic therapy of tetanus. Voj.san.pregl, Beogr. 17 no.3:
229-235 Mr '60.

1. Univerzitet u Beogradu, Veterinarski fakultet.
(TETANUS ther.)
(IMMUNE SERUMS)
(TOXINS AND ANTITOXINS)

KATIC, Relja, profesor dr

Critical review of the problem of tetanus prevention. Voj.san.pregl.,
Beogr. 17 no.10:1024-1028 0 '60.

1. Veterinarski fakultet u Beogradu
(TETANUS prev & control)

KATIC, Relja; KOSANOVIC-CETKOVIC, Desanka; VUKICEVIC, Zoran

Virulence of Pl. tetani isolated from patients with treated tetanus.
Srpski arh. celok. lek. 88 no.5:505-511 My '60.

1. Klinika za infektivne bolesti Medicinskog fakulteta Univerziteta
u Beogradu. Upravnik: prof. dr Milorad Milosevic.

(CLOSTRIDIUM TETANI)

KATIC, R.
SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: [not given]

Affiliation: [not given]

Source: Belgrade, Veterinarski glasnik, No 4, 1961, pp 307-309.

Data: "On Our Observations Concerning the Prophylaxis of Some Anaerobic Diseases in Sheep."

KRAZIC R.

- (C) 32
- Belgrade, Veterinarski Gledalište, Vol. 15, No 12, 1.51
1. "The Problem and Plan for Producing Polio Gluelet in
Yugoslavia", S. PAVLJETIĆ; Fakultet za Veterinarsku
Veterničku Medicinu, (Serbian Uprava za Poljoprivredu
SFRJ) pp 10-16.
2. "Study of the Bi-Stratigraphic, L. JOKOVIĆ et al. On
GEOGRAPHIC, BIO-STRATIGRAPHIC, INSTITUTIONAL AND
INSTITUTE FOR USE OF NATURE, FRIEDRICH INSTITUTE
FOR POLYVALENCE, Belgrade, (Serbian Uprava za
Poljoprivredu SFRJ) pp 37-40.
3. "Distribution and Importance of Prostomocca spp.
in Belgrade, S. PAVLJETIĆ, M. M. KARADŽIĆ pp 50-53.
4. "Parasites of Serengeti Domestic Animals for Macroparasit.
In Parasites and Surveys among Game in National
Museum of Natural History - Parasitological Institute,
Exhibition Zvezdara, Belgrade, pp 68-92.
5. "Role of the Artificial Immunization Service in
Improving the Animal Production A. IMAGI pp 895-1000.
6. "Role of Non-Serologic Tests in the Practice of the Veterinary
Parasitologist", V. Č. ERGONOV; Institut za
Veterinarsku Parazitologiju, Belgrade, pp 10-12.
7. "About African Leucosin C. E. L. E. (Affiliation see #2)
pp 1007-1012 (English Summary)
8. "Protective Phagocytic Cells: Influence on Immunity",
B. ŠKARLAT, Tomašević, M. ŠKARLAT, (Affiliation see #2)
ERIC: ED 3013-017.
9. "Parasites in Populations in Serbia. Part 2. Svetozarevo
S. PAVLJETIĆ, N. ĐEĐEVIĆ, S. ŠKARLAT, Š. ŠKARLAT, Svetozarevo
S. PAVLJETIĆ; Veterinarski Fakultet, Svetozarevo Veterinary Faculty
University, Belgrade, pp 1013-1014.
10. "Distribution of Ostiacecocti, Myxostomatosis and
Palaeodoccosis in Kosovo and Metohija", M. PAVLJETIĆ;
Veterinarski Centar, Belgrade, pp 1021-1022.

11. "Diabetes and Incidence of Cystitis in Artificial Insemination-Center Center R. S. C. Pp. 105-106.

12. "Supplies of Fertilizing Milk in Bosnia and Herzegovina" S. Z. B. I. M. P. pp. 105-106.

13. "Diabetes Insipidus in a Patient Receiving Clinical Counter of the Veterinary Department of FZVBR (Author, not Identified)." Ljubljana; pp. 1062-1063.

14. "Porine Proportion" F. PHOTIĆ AND N. ŠAFER, Vet. Institute Recipients Robotic of Serbia Belgrade; pp. 1041-1042.

15. "Globalization of Pathologic Changes in Androstenone." V. V. VASILJEVIĆ, Veterinary Station Novoskoč; pp. 1062-1064.

16. "Veterinary Station Prelis in the Central Motor - An Initiative and Participation in the Current Animal Breeding Program." I. MIKAVOVIĆ; pp. 1065-1066.

I-Institute za prehranu mališeva crvenje poljoprivrednih zemalja i životinja, 2. Poljoprivredni inženjering, Institut za životinju i životinjsku proizvodnju, Životinjska odjeljivačka jedinica, Životinjska akademija, Životinjski institut, MZS, Beograd, Srbija.

— 2/2 —

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721120002-6"

KATIC, Relja; VUKICEVIC, Zoran

Is there another toxin produced by the disintegration of dead tissues
in cases of gas gangrene caused by *W. perfringens* A? Srpski arh.
celok. lek. 89 no.4:457-463 Ap '61.

I. Institut za higijenu Veterinarskog fakulteta Univerziteta u
Beogradu. Upravnik: prof. dr Ivan Puhac.

(GAS GANGRENE) (TOXINS AND ANTITOXINS)

KATIC, R.

Dr. Filip Lazarevic (1883-1960). Srpski arh. celok. lek. 89 no.10:
1232-1233 0 '61.

(OBITUARIES)

5

KOSTIC, Andelija; KATIC, Relja

On an epidemic of botulism caused by Cl. botulinum B. Srpski
arh. celok. lek. 90 no. 6:613-618 Je '62.

1. Klinika za infektivne bolesti Medicinskog fakulteta Uni-
verziteta u Beogradu Upravnik: prof. dr. Milorad Milosevich.
(BOTULISM)

5

DURISIC, M.; KATIC, R.

Effect of anti-tetanus serum on experimental tetanus intoxication.
Glas. Srpska akad. nauk [Med.] 17 no.257:187-191 '64.

KATIC, R.V.; PUCHAC, T.; SIMONOVIC, B.

Contribution to the study on the effect of cobalt on the titer produced by antitoxins following gas gangrene vaccination. Glas. Srpska akad. nauk [Med.] 17 no.257:225-234 '64.

YUGOSLAVIA

KATIC, R. V., Dr., Professor, Faculty of Veterinary Medicine, Belgrade

"The Need for the Establishment of a Yugoslav Collection of Bacteria"

Belgrade, Veterinarski Glasnik, Vol 20, No 9, 1966, pp 695-696

Abstract: After reviewing the need for the establishment of a Yugoslav collection of bacteria, the methods for the preservation of bacteria used by more than 260 collections existing in the world today, and the cost factor, the author proposes that: 1) a collection of those bacteria used in Yugoslavia for scientific and industrial purposes be established; 2) the collection which may be organized at various institutes in Yugoslavia be organized according to the same organizational principles; 3) every strain in a collection has its own file; 4) when supplying bacteria to another institution at home or abroad, the shipment be accompanied by a copy of the appropriate bacterial file. No references. (Manuscript received, 18 Jun 66.)

KATIC, S.

International cooperation of railroads in the field of
cybernetics. Medun transp 10 no. 2:117-119 F '64.

PLASAJ, Miljenko, dr.; KOLARIC, Krsto, dr.; KRIZANIC, Lubomir, dr.; KATIC,
Velimir, dr.; HUNAREVIC, Anka, dr.

A giant solitary kidney cyst. Lijecn. vjesn. 87 no.3:311-315
Mr ' 65.

1. Iz Internog, Kirurskog i Rendgenskog odjeljenja Armijiske
bolnice i Patolosko-anatomskog instituta Medicinskog fakulteta
u Zagrebu.

KATIC, Z.

Bookkeeping in various economic units, and problems of
internal distribution. Zeleznice Jug 19 no. 2:31-37 F '63.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721120002-6

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721120002-6"

I 64915-65

ACCESSION NR: AP5023660

ASSOCIATION: Nauchno-issledovatel'skiy Institut Rasteniyevodstva, Novi Sad
(Scientific Research Institute of Plant Science)

SUBJTYPE: A

ENCL: 00

SCB CODE: 00-00

NR REF COV: 000

SCOUR: 0

KATICHEV, K.

AID - P-122

Subject : USSR/Aeronautics
Card : 1/1
Author : Katichev, K., Major General of Aviation
Title : On Flying Traffic and on the Guidance of Aircraft in
the Air
Periodical : Air Force Herald, 4, 14 - 19, Ap 1954
Abstract : The author gives reasons for establishing flying traffic
regulations. He describes flying conditions at various
aerodromes in bad weather, flying and landing on in-
struments, the guiding of transit aircraft from the
ground, etc. He analyses various mistakes and shows
their consequences. He underlines the necessity of a
good organization and of a highly qualified traffic
personnel.
Institution : None
Submitted : No date

KATICHEV, K.

AID P - 2436

Subject : USSR/Aeronautics

Card 1/1 Pub. 135 - 2/19

Author : Katichev, K., Maj. Gen. of Aviation

Title : Safety of Flights, 1. Frequency of accidents and the campaign against them

Periodically: Vest. vozd. flota, 8, 9-13, Ag 1955

Abstract : The author points out that the reason for the inadequacy of the campaign against frequency of accidents lies in the failure to evaluate exactly and on time the elements on which the safety of each particular task in aviation depend. Examples are given.

Institution: None

Submitted : No date

KATICHEV K.

AID P - 2650

Subject : USSR/Aeronautics

Card 1/1 Pub. 135 - 5/17

Author : Katichev, K., Maj. Gen. of Aviation

Title : The safety of flying, What influences flight safety?

Periodical : Vest. vozd. flota, 9, 24-33, S 1955

Abstract : The first part of this article was published in this journal, No. 8, 1955. In this installment, the author reminds flying personnel that flying is a complex activity which usually does not forgive mistakes. Care should be taken not to complicate problems unnecessarily. Organization and individual training are also important elements of safety.

Institution : None

Submitted : No date

AID P - 4570

Subject : USSR/Aeronautics - training
Card 1/1 Pub. 135 - 5/23
Author : Katichev, K. A., Maj.-Gen. of aviation
Title : Safety of flights
Periodical : Vest. vozd. flota, ³⁶ 2, 30-35, F 1956
Abstract : The author analyses the factors on which depends the safety of flight, and considers it necessary to pay particular attention to the personal qualities of the pilot. The article describes the elementary requirements of flight safety.
Institution : None
Submitted : No date

KATICHEV, K.A.

AID P - 5457

Subject : USSR/Aeronautics - flying safety
Card 1/1 Pub. 135 - 3/29
Author : Katichev, K. A., Maj. General
Title : The air force commander and the flying safety
Periodical : Vest. vozd. flota, 2, 15-21, F 1957
Abstract : The author in his article stresses that the flying safety depends on the proper planning of flights, on the thorough ground training of the flying personnel, on the careful preparation of materiel for flights, and on the well organized direction and control of flights. One photo. The article is of interest.
Institution : None
Submitted : No date

Katigrob, N. P.

Subject : USSR/Power Eng AID P - 3521
Card 1/1 Pub. 26 - 15/30
Author : Katigrob, N. P., Eng.
Title : Savings in steel used for anchors of transmission line foundations
Periodical : Elek. sta., 26, 48, S 1955
Abstract : Bolts and anchors used in the joining of foundation reinforcements are discussed. A new design of the bolt shape is recommended. One diagram.
Institution : None
Submitted : No date

~~KATIGROB, N.P., inzhener.~~

Trenchless buried earthing device for transmission line structures.
Elek.sta. 27 no.4:53-54 Ap '56. (MIRA 9:8)
(Electric lines)

AUTHOR:

Katigrob, N.P., Engineer

SOV-91-58-11-11/20

TITLE:

The Transportation of Ferroconcrete Supports for Electric
Transmission Lines of 110 kv (Transportirovka zhelezobeton-
nykh opor liniy elektroperedachi 110 kv)

PERIODICAL:

Energetik, 1958, Nr 11, pp 23 - 25 (USSR)

ABSTRACT:

Up until recently the above-mentioned supports were made up
in 6 long sections for ease in transportation. However, the
great disadvantage of this method was the complicated assem-
bling process required. For this reason, it was decided that
full-length (22.2 m) supports were to be made instead. The
article consists of a description of the transportation, load-
ing and unloading of these supports. There are 2 diagrams
and 4 photographs.

Card 1/1

1. Reinforced concrete--Handling 2. Transmission lines--
Equipment

KATIGROB, H.P.

Vertical grounding. From energ. 15 no. 9:42-43 S '60.

(Electric currents--Grounding) (MIRA 13:10)

KATIGROB, N.P., inzh.

Electric conductivity of reinforced concrete pile tower foundations for 154 to 500 kv. electric power transmission lines.
Elektricheatvo no.5:13-15 My '61. (MIRA 14:9)

1. Zernograd Rostovskoy oblasti.
(Electric lines—Poles)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721120002-6

KATIGROB, N.P., kand. tekhn. nauk

Grounding systems of electric substations. Elek. sta. 35 no. 12:
(MIRA 18:2)
47-49 D '64.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721120002-6"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721120002-6

KATIGROB, N.P., kand. tekhn. nauk

Deep grounding devices. Elek. sta. 36 no.1:86-88 Ja '65.

(MIRA 18:3)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721120002-6"

KATIGROB, N.P., kand.tekhn.nauk

Is waterproofing of reinforced concrete foundations of power transmission line supports necessary? Elek. sta. 36 no. 8:59-62 Ag '65.
(MIRA 18:8)

L 05798-67 EWT(m)/EWP(w)/EWP(t)/ETI IJP(c) JD
ACC NR: AR6031069 SOURCE CODE: UR/0277/66/000/007/0010/0010

AUTHOR: Katikhin, V. D.; Kofman, A. P.; Yavor, A. A.

TITLE: Cladding as a means for decreasing the tendency of hardened steel to brittle failure

SOURCE: Ref. zh. Mashinostroj mat konstr i raschet detal mash. Gidropr. Abs. 7. 48. 69

REF SOURCE: Sb. Materialy Nauchn. konferentsii. Sovnarkhoz Nizhne-Volzhsk. ekon. r-na. Volgogradsk. politekhn. in-t. T. 1. Volgograd, 1965, 303-308

TOPIC TAGS: cladding, steel cladding, brittle failure, brittleness, tensile strength

ABSTRACT: Data are presented on the tensile strength, uniform deformation, notch sensitivity (of notch), and the notch toughness of 30KhGSA and 25KhSNVFA, steels as a function of the thickness of a cladding layer of 1Kh18N10T steel (10-50%). Cladding reduces the tendency of notched specimens to brittle failure and eliminates temper brittleness. Thus, 30KhGSA steel on both sides, has an identical notch sensitivity to the 1Kh18N10T cladding material, but at the same time its tensile

Card 1/2

UDC: 669.14.018:539.4:621.771.8

L 05798-67

ACC NR: AR6031069

strength in smooth samples is twice as high as the strength of 1Kh18N10T steel.
Orig. art. has: 4 tables and a bibliography of 1 reference item. [Translation of
abstract]

SUB CODE: 13/

Card. 2/2 bth

L 26267-66 EWT(m)/T/EWA(d)/EWP(w)/EWP(t) IJP(c) JD

ACC NR: AP6012582

(N)

SOURCE CODE: UR/0314/66/000/004/0020/0023

AUTHOR: Katikhin, V. D. (Engineer); Kofman, A. P. (Candidate of technical sciences);
Pashkov, P. O. (Doctor of technical sciences); Yavor, A. A. (Engineer)

ORG: none

TITLE: High-strength two- and three-layer steel as a structural material

SOURCE: Khimicheskoye i neftyanoye mashinostroyeniye, no. 4, 1966, 20-23

TOPIC TAGS: steel, high strength steel, clad steel, stainless steel clad steel,
clad steel strength, clad steel ductility/30KhGSA steel, 1Kh18N10T steel, 30KhSNVFA
steel

ABSTRACT: Cladding of high-strength structural steels with a ductile material on
one or both sides greatly reduces the notch sensitivity of the latter. In this case,
the adhesion between the base steel and the cladding must be stronger than the
strength of the weaker metal. For example, hardened and tempered 30KhGSA steel has a
tensile strength of 160 kg/mm² and an elongation of 3-4%. When clad on one side with
1Kh18N10T steel (tensile strength 60 kg/mm², elongation 30%), 30KhGSA has a tensile
strength of 115 kg/mm² and an elongation of 2-4% with poor adhesion and 135 kg/mm²
and 7-8% with strong adhesion. The notch sensitivity of 30KhGSA steel drops sharply
with one-side cladding, and the notch sensitivity of the two-side clad steel was
almost equal to that of 1Kh18N10T steel (the ratio of the tensile strength of notched

UDC: 621.9.419:620.17

Card 1/2

L 26267-66

ACC NR: AP6012582

and smooth specimens at 200C increased from 0.45% to 0.78 and 94%, respectively). Cladding increased the notch toughness of steels, especially those susceptible to temper brittleness. The increase in ductility of two- and three-layer steels is due mainly to uniform deformation, which is especially important in parts working under tensile stresses. The mechanical properties of 30KhGSA steel clad with a 0.25 or 0.4 mm 1Kh18N10T layer did not decrease even after exposure for several hours to stresses close to the tensile strength. Orig. art. has: 3 figures and 9 tables. [MS]

SUB CODE: 11, 13/ SUBM DATE: none/ ORIG REF: 004/ ATD PRESS: 4243

Card 2/2 (C)

MIKHAI'KOV, P.V.; KATIKHIN, V.P.

Gas and oil pools of the lower Albian substage of the Oleynikovo
oil field and their formation. Gaz. prom. no.10;8-13 O '58. (MIRA 11:11)
(Astrakhan Province--Petroleum--Geology)

KISEL'GOF, S.M.; KATIKHIN, V.R.; GUSEV, A.N.; PRISYAZHNYUK, A.S.;
KOZLOVA, D.F.; HEREZKINA, M.Ye.

Paleozoic waters of Volgograd Province. Trudy VNIING no.1:
191-224 '62. (MIRA 16:10)

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721120002-6

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721120002-6"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721120002-6

electric conductivity of plating in the following aqueous and organic solvents
and the resistance of the plating was measured by the four-point probe method.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721120002-6"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721120002-6

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721120002-6"

KATILENE, E.R.; REGEL', A.R.

Electroconductivity of thallium telluride in the solid and
liquid states. Fiz. tver. tela 6 no.9:2869-2871 S '64.

l. Institut poluprovodnikov AN SSSR, Leningrad.
(MIRA 17:11)

KATILENE, V. A., Cand Med Sci -- (diss) "Clinical test of the treatment of acute purulent processes of the maxillary-facial area." Vil'nyus, 1960. 34 pp; (Ministry of Higher and Secondary Specialist Education USSR, Vil'nyus State Univ im V. Kapsukas); 250 copies; price not given; (KL, 21-60, 130)

DANYS,J., med.m. dr.; SKUCAITE,O., doc.; DANIENE, St.; OSTRAUSKIENE, S.;
DRAUGELIENE, D.; MILASAUSKIENE, M.; LUKOSEVICIUTE,A.;
KATILIENE, G.; KABASINSKIENE,G.

The perspectives in further rheumatism control. Sveik. apsaug.
8 no.12:32-35 D'63.

1. Kauno Valst. medicinos institutas. (rektorius - prof.
Z.Januskievicius) ir Respublikine Kauno klinine ligonine
(vyr.gyd. - doc. P.Jasinskas).

*

KATILIUS, K., doc.

Thyrotoxic adenomas and their treatment. Sveik. apsaug. 7 no.8;3-10
'62.

1. Vilniaus Valst. V. Kapsuko v. universiteto Medicinos fakulteto
chirurgijos katedra. Katedros vedejas -- doc. K. Katilius. Respublikine
klinine ligonine. Vyr. gydytojas -- V. Zygas.
(HYPERTHYROIDISM)

KATILIUS, Petras; PETRAITIS, A., red.; VYSOMIRSKIS, G., tekhn.red.

[Differential geometry] Diferencialine geometrija. Vilnius,
Valstybine politines ir mokslynes literaturos leidykla, 1961.
292 p. (MIRA 15:2)
(Geometry, Differential)

ACC NR: AP7005832

SOURCE CODE: UR/0181/66/003/012/3484/3489

AUTHOR: Katelyus, R.

ORG: Institute of Semiconductors, AN SSSR, Leningrad (Institut poluprovodnikov AN SSSR); Institute of Physics and Mathematics AN LitSSR, Vilnius (Institut fiziki i matematiki AN LitSSR)

TITLE: Allowance for the anisotropy of the semiconductor in the theory of hot electrons

SOURCE: Fizika tverdogo tela, v. 8, no. 12, 1966, 3484-3489

TOPIC TAGS: semiconductor theory, semiconductor carrier, electron temperature, electron scattering, electron collision, volt ampere characteristic, kinetic equation

ABSTRACT: This is a continuation of earlier work (ZhETF v. 49, 1145, 1965 and FTT v. 7, 2400, 1965) where the conditions under which the anisotropy of a semiconductor in the theory of hot electrons can be taken into account were determined. The present article extends the earlier analysis to include the case of any inelastic mechanism for the scattering by the lattice, and also to the case when interelectron collisions are present. The extended theory is used to calculate the volt-ampere characteristic of a single-valley anisotropic semiconductor, under the assumption of a more general electron dispersion law than in the earlier work. The appropriate equations for the volt-ampere characteristics are obtained from the kinetic equation under the assumption of a constant electric field. It is indicated that the method

Card 1/2

ACC NR: AP7005832

developed in this paper, when used in conjunction with the results of the earlier papers, makes it possible to calculate the anisotropy in many other problems. The author thanks V. L. Gurevich for guiding the work and valuable advice, F. G. Bass for calling to his attention the possibility of taking interelectron collisions into account, and I. B. Levinson for a fruitful discussion. Orig. art. has: 39 formulas.

SUB CODE: 20/
09/ SUBM DATE: 22Mar66/ ORIG REF: 006/ OTH REF: 002

Card 2/2

L 12799-66

EWT(1)/EWA(E)-2

IJP(c) AT

ACC NR: AP5026607

SOURCE CODE: UR/0056/65/049/004/1145/1156

51
54
BAUTHORS: Gurevich, V. L.; Katilyus, R.ORG: Institute of Semiconductors, Academy of Sciences SSSR (Institut poluprovodnikov Akademii nauk SSSR); Institute of Physics and Mathematics, Academy of Sciences Lithuanian SSR (Institut fiziki i matematiki Akademii nauk Litovskoy SSR)

TITLE: Contribution to the theory of hot electrons in an anisotropic semiconductor

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 49, no. 4, 1965, 1145-1156

TOPIC TAGS: semiconductor crystal, crystal anisotropy, electron energy, phonon scattering, electron scattering, electric conductivity

ABSTRACT: The authors propose to calculate within the framework of the deformation potential the stationary state and the fluctuations of a system of electrons in an anisotropic semiconductor situated in a strong electric field, for the case of scattering by acoustical phonons within a single energy valley with a nondegenerate bottom. No relaxation time is taken into account. It is shown that owing to the quasielastic

Card 1/2

2

L 12799-66

ACC NR: AP5026607

3

nature of the scattering, the hot electrons in an anisotropic crystal can be described by the same characteristic equations as in the isotropic model. The anisotropy is manifest only in the dependence of the corresponding parameters in these equations on the electric conductivity tensor in a weak field, and also on the material constants, which can be represented by a combination of the components of the tensors of the inverse effective mass and of the deformation potential. The anisotropy does not influence the form of the distribution function, but causes the parameter characterizing the electron heating to become dependent on the orientation of the field relative to the principal axes. Orig. art. has: 97 formulas.

SUBM DATE:

SUB CODE: 20/ 12Apr65/ NR REF SOV: 003/ OTH DATE: 005

Card

2/2

KATILYUS, R. V.[Katilius, R.]; VANAGAS, V. V.[Vanagas, V.]

On one method of constructing the state function of equivalent
electrons in the QJ system. Liet ak darbai B no.1:13-22 '61.
(EEAI 10:9)

1. Institut fiziki i matematiki Akademii nauk Litovskoy SSR i
Vil'nyusskiy gosudarstvennyy universitet im. V. Kapsukasa.

(Electrons) (Functions)